

AG office or a home, and a user can obtain information about trains and stations and other traffic information while at home or in an office. Furthermore, it is possible for a computer program stored in a memory 506 of a wristwatch to be rewritten by downloading a new program via the read/write device 45 connected with a PC and the Internet. This helps a user update the program or correct attributes. Preferably, a user is able to update the program for controlling a wristwatch and via read/write devices at a ticket sales window, kiosk, and information desk in a station. It is possible for the program to be distributed via computer readable storage media such as a CD-ROM, MO, and flash memory.

IN THE CLAIMS:

Please substitute the following clean amended claims 1-6, 9-17, 19-23, and 26-39, for the pending claims with the same number. Marked-up versions of the amended claims follow the "Remarks" section of this amendment.

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1. (Amended) A wireless information distribution system comprising:
- a wireless information distribution device and a portable wireless device;
 - said wireless information distribution device including:
 - an external transmitting/receiving device for carrying out wireless communication with said portable wireless device;
 - a first memory for storing service information; and
 - a first control unit for retrieving service information from said first memory for transmission to said portable wireless device in response to, and corresponding to, a service information request sent by said portable wireless device to said external transmitting/receiving device when within range of said external transmitting/receiving device, said first control unit being further effective for controlling the transmitting of said retrieved service information to said portable wireless device;
 - said portable wireless device including:
 - a second memory for storing said service information request;
 - a display;

a transmitting/receiving unit for carrying out wireless communication with said wireless information distribution device when within range of said wireless information distribution device; and

a second control unit for transmitting via said transmitting/receiving unit a communication-ready signal and said service information request stored in said second memory to said external transmitting/receiving device, and for displaying on said display service information sent from said external transmitting/receiving device in response to said service information request.

2. (Amended) The wireless information distribution system of claim 1, wherein said external transmitting/receiving device transmits a communication request signal at regular intervals; and said second control unit of said portable wireless device, upon receiving said communication request signal via said transmitting/receiving unit, transmits said service information request via said transmitting/receiving unit to said wireless information distribution device.

3. (Amended) The wireless information distribution system of claim 1, wherein:

said service information request is for user transportation information that includes a departure point and destination point of a user;

said first memory storing service information relating to the movement of at least one transportation means; and

said first control unit retrieving from said first memory, service information about the movement of a specific transportation means specified in said service information request.

4. (Amended) The wireless information distribution system of claim 1, wherein:

said service information request is for user transportation information that includes a departure point and destination point of a user;

said first memory storing information on various departure points and destinations points, and on various corresponding transportation means, transfer points, and transfer options at said various transfer points usable in traveling from said various transportation departure points to said various destination points; and

said first control unit retrieving from said first memory, service information corresponding to said service information request, wherein said service information relates to at least one of said various departure points, destination points, transportation means, transfer points, and transfer point options.

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5. (Amended) The wireless information distribution system of claim 1, wherein:

said service information request includes information for identifying a user and includes an entry/exit request from said user;

said wireless information distribution device having an entry/exit controlling device; and

said external transmitting/receiving device being provided in the vicinity of said entry/exit controlling device;

wherein when said first control unit receives an entry/exit request via said transmitting/receiving device, said first control unit determines whether to allow the request, and controls said entry/exit controlling device in accordance with the determination.

6. (Amended) The wireless information distribution system of claim 1, wherein:

said service information request includes user attributes;

said first memory stores said service information and corresponding user

attributes; and

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said first control unit retrieving from said first memory service information corresponding to said user attributes.

9. (Amended) A wireless information distribution device comprising:

a memory for storing service information;

an external transmitting/receiving device for carrying out radio communication with a mobile wireless device located within range of said external transmitting/receiving device; and

a control unit for retrieving service information from said memory for transmission to a portable wireless device in response to, and corresponding to, a service information request sent by said portable wireless device to said external transmitting/receiving device when within range of said external transmitting/receiving device, , and transmitting said retrieved service information via said external transmitting/receiving device.

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10. (Amended) The wireless information distribution device of claim 9, further including an entry/exit controlling device;

wherein said external transmitting/receiving device is provided in the vicinity of said entry/exit controlling device; and

wherein said control unit, when receiving user information from said mobile wireless device for identifying a user and a user entry/exit request, determines whether to grant said user entry/exit request, and controls said entry/exit controlling device in accordance with the determination.

11. (Amended) The wireless information distribution device of claim 9, wherein said service information request includes user attributes; said memory stores said service information and the corresponding user attributes; and

said control unit retrieves, from said memory, service information

corresponding to said user attributes included in said service information request.

12. (Amended) The wireless information distribution device of claim 9, wherein:

said service information request is for user transportation information including a departure point and destination point of a user;

said memory stores movement information of at least one transportation means; and

said control unit retrieves, from said memory, service information about the movement of the transportation means specified in said user transportation information.

13. (Amended) The wireless information distribution device of claim 9, wherein:

said service information request is for user transportation information including a specific departure point and specific destination point of a user;

said memory stores information on various departure points and destination points along with any corresponding transfer points for various transportation means, said memory further storing transfer options for said various transfer points usable in traveling from said various departure points to said various destination points; and

said control unit retrieves information on a desired transportation means and its corresponding transfer points transfer options for traveling from said specific departure point to said specific destination point.

14. (Amended) The wireless information distribution device of claim 13, wherein said transfer options include routes for use in changing transportation means at transferring points.

15. (Amended) The wireless information distribution device of claim 14, wherein said transfer option include information about any of stairs, escalators, or elevators available for said user.

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16. (Amended) The wireless information distribution device of claim 13, wherein the information on transfer points includes any wait time expected at a given transfer point.

17. (Amended) The wireless information distribution device of claim 13, wherein said various transportation means includes any of a train, bus, airplane, or ship.

19. (Amended) A portable wireless device for radio communication with an external transmitting/receiving device having a wireless information distribution device, said portable wireless device comprising:

a transmitting/receiving unit for carrying out radio communication;
a memory for storing a service information request;
a display; and

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a control unit, for transmitting a communication ready signal and said service information request to said external transmitting/receiving device when within range of said external transmitting/receiving device, and for displaying on said display service information sent from said external transmitting/receiving device in response to said service information request.

20. (Amended) The portable wireless device of claim 19, wherein:

said memory further stores user information for identifying a user; and
said service information request includes said user information along with a user entry/exit request.

21. (Amended) The portable wireless device of claim 19, wherein:

said memory includes user attributes;
said service information request includes said user attributes; and
said service information sent from said transmitting/receiving unit
corresponds to said user attributes.

22. (Amended) The portable wireless device of claim 19, wherein:

said memory stores user transportation information including a departure
point and destination point of a user;

said service information request includes said user transportation
information; and

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said service information sent from said transmitting/receiving unit
includes information about movement of a transportation means specified in
said user transportation information.

23. (Amended) The portable wireless device of claim 19, wherein:

said service information request is for user transportation information on
a transportation means, including a departure point and a destination point; and

said service information sent from said transmitting/receiving unit
includes information on said transportation means, transfer points, and methods
for transferring in traveling from said departure point to said destination point.

26. (Amended) A method for controlling a wireless information distribution
device, wherein the information distribution device includes a memory for
storing service information;

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an external transmitting/receiving device for radio communication with a
portable wireless device when within range of the portable wireless device; and
a control unit, said method comprising the steps of:

storing service information;

receiving a service information request from said portable wireless
device;

retrieving service information corresponding to said received service information request; and

transmitting said retrieved service information via said external transmitting/receiving device.

27. (Amended) The method for controlling a wireless information distribution device of claim 26, wherein said wireless information distribution device has an entry/exit controlling device and said external transmitting/receiving device is located in the vicinity of said entry/exit controlling device; said method further comprising the steps of:

receiving user information for identifying a user, and receiving an entry/exit request of said user;

determining whether to grant permission for said entry/exit request; and

controlling said entry/exit controlling device in accordance with said determination.

28. (Amended) The method for controlling a wireless information distribution device of claim 26, wherein said service information request includes user attributes having a correspondence to selected service information, said method further comprising the steps of:

storing said user attributes; and

retrieving said selected service information corresponding to said user attributes.

29. (Amended) The method for controlling a wireless information distribution device of claim 26, wherein said service information request is for user transportation information and includes a departure point and destination point of a user, said method further comprising the steps of:

identifying a specific transportation means corresponding to said user transportation information included in said service information request; and

retrieving information about the movement of said specific transportation means.

30. (Amended) The method for controlling a wireless information distribution device of claim 26, wherein said service information request is for user transportation information and includes a specific departure point and a specific destination point; said method further comprising the steps of:

storing information on various departure points and destination points, various corresponding transportation means and their transfer options at said various transfer points usable in traveling from said departure points to said destination points;

retrieving service information about at least one of said various transportation means, transfer options, and transfer points corresponding to said user transportation information included in said service information request.

31. (Amended) A method for controlling a portable wireless device in communication with a mobile wireless device having a memory for storing service information desired by a user of said portable wireless device and having an external transmitting/receiving device including of a wireless information distribution device, said portable wireless device having a display and a transmitting/receiving unit for radio communication when within range of said external transmitting/receiving device; said method comprising the steps of:

when entering into a radio communication range of said external transmitting/receiving device, transmitting a communication-ready signal and a service information request from said portable wireless device to said external transmitting/receiving device;

receiving from said external transmitting/receiving device service information in response to said service information request; and

displaying said received service information on said display.

32. (Amended) The method for controlling a portable wireless device of claim 31, wherein said service information request includes user information for identifying said user of said portable wireless device, and includes an entry/exit request of said user.

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33. (Amended) The method for controlling a portable wireless device of claim 31, wherein:

said service information request includes user attributes; and
said service information received from said transmitting/receiving device corresponds to said user attributes.

34. (Amended) The method for controlling a portable wireless device of claim 31, wherein:

said service information request includes user transportation information including a departure point and destination point of said user; and
said service information received from said transmitting/receiving device includes information about the movement of a transportation means specified in said user transportation information.

35. (Amended) The method for controlling a portable wireless device of claim 31, wherein:

said service information request is user transportation information including a departure point and destination point of a user; and
said service information received from said transmitting/receiving device is information about the itinerary of said user including:

a transportation means to travel from said starting point to said destination point;

transfer points; and

methods for transferring at said transfer points;

wherein said itinerary corresponds to said user transportation information included in said service information request.

36. (Amended) A computer program product for enabling a computer to control a wireless information distribution device, wherein said wireless information distribution device includes:

a memory for storing service information;

an external transmitting/receiving device for radio communication with a portable wireless device located within range of said external transmitting/receiving device;

said computer program comprising the steps of:

storing service information;

receiving a service information request via said external transmitting/receiving device;

retrieving service information corresponding to said service information request; and

transmitting said retrieved service information via the external transmitting/receiving device.

37. (Amended) A computer program product for enabling a computer to control a portable wireless device, wherein the portable wireless device includes:

a memory for storing a service information request for information desired by a user of said portable wireless device;

a display; and

an external transmitting/receiving device for radio communication with a wireless information distribution device when entering in range of said external transmitting/receiving device; said computer program comprising the steps of:

transmitting to said external transmitting/receiving device via said transmitting/receiving unit, when within range, a communication-ready signal

and said service information request stored in said memory;

receiving service information from said external transmitting/receiving device, in response to, and in corresponding to, said service information request; and

displaying said received service information on said display.

38. (Amended) A computer-readable media storing a computer program for enabling a computer to control a wireless information distribution device, wherein said wireless information distribution device includes:

a memory for storing service information;

an external transmitting/receiving device for radio communication with a portable wireless device located within range of said external transmitting/receiving device; and

a control unit;

said computer program comprising the steps of:

storing service information;

receiving a service information request via said external transmitting/receiving device;

retrieving service information from said memory corresponding to said service information request; and

transmitting said retrieved service information via said external transmitting/receiving device.

39. (Amended) A computer-readable media storing a computer program for causing a computer to control a portable wireless device, wherein the portable wireless device includes:

a memory for storing service information request;

a display; and

a transmitting/receiving unit for radio communication with an external transmitting/receiving device including a wireless information distribution